HUST

TRƯỜNG ĐẠI HỌC BÁCH KHOA HÀ NỘI

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

INFORMATION TECHNOLOGY SCHOOL

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OOP Mini Project

TOPIC:
Visualization operations on tree data structures

Lecturer: **Nguyễn Thị Thu Trang**

Subject: **Object-Oriented Language and Theory(Java)**

Team member:

Phạm Ngọc Thắng - 20194840

Trần Chí Thành - 20294845

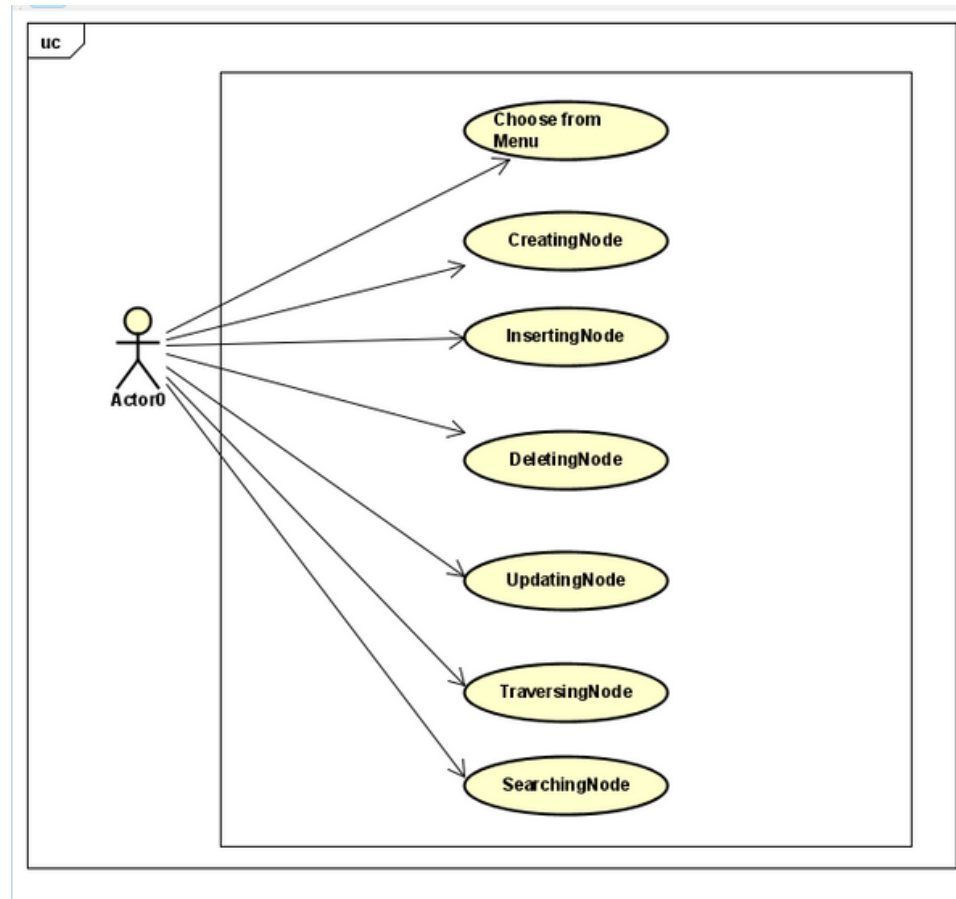**Vũ Hoàng Việt Thành - 20194847**

Problem statement

Overview:

Tree is a useful data structure with lots of applications in computer science. In this project, you will design a program to display and explain some basic operations of four types(Generic tree, Binary Search Tree, AVL Tree, Balanced binary tree) of tree structure.

Knowledge requirement: +) Definitons and properties of those tree
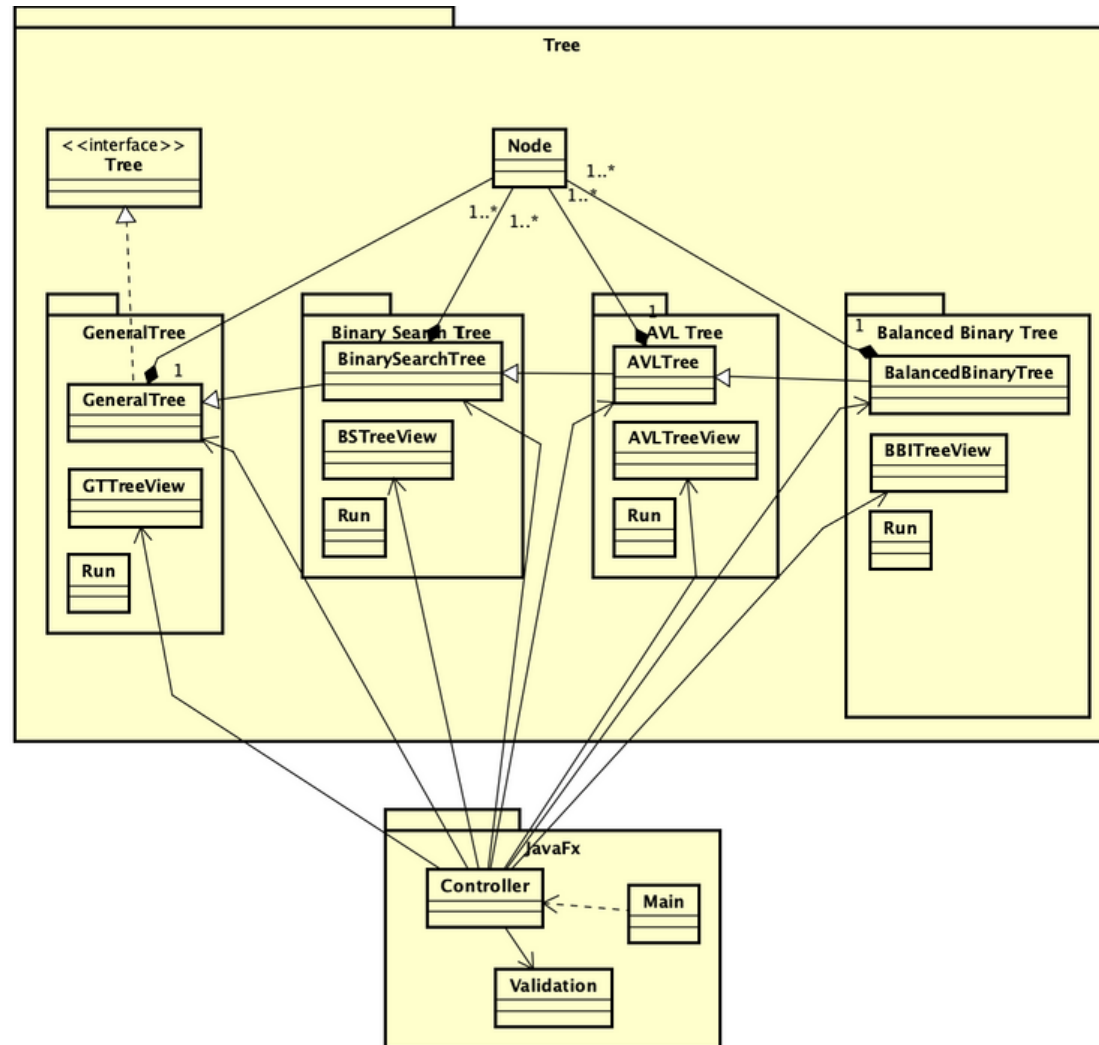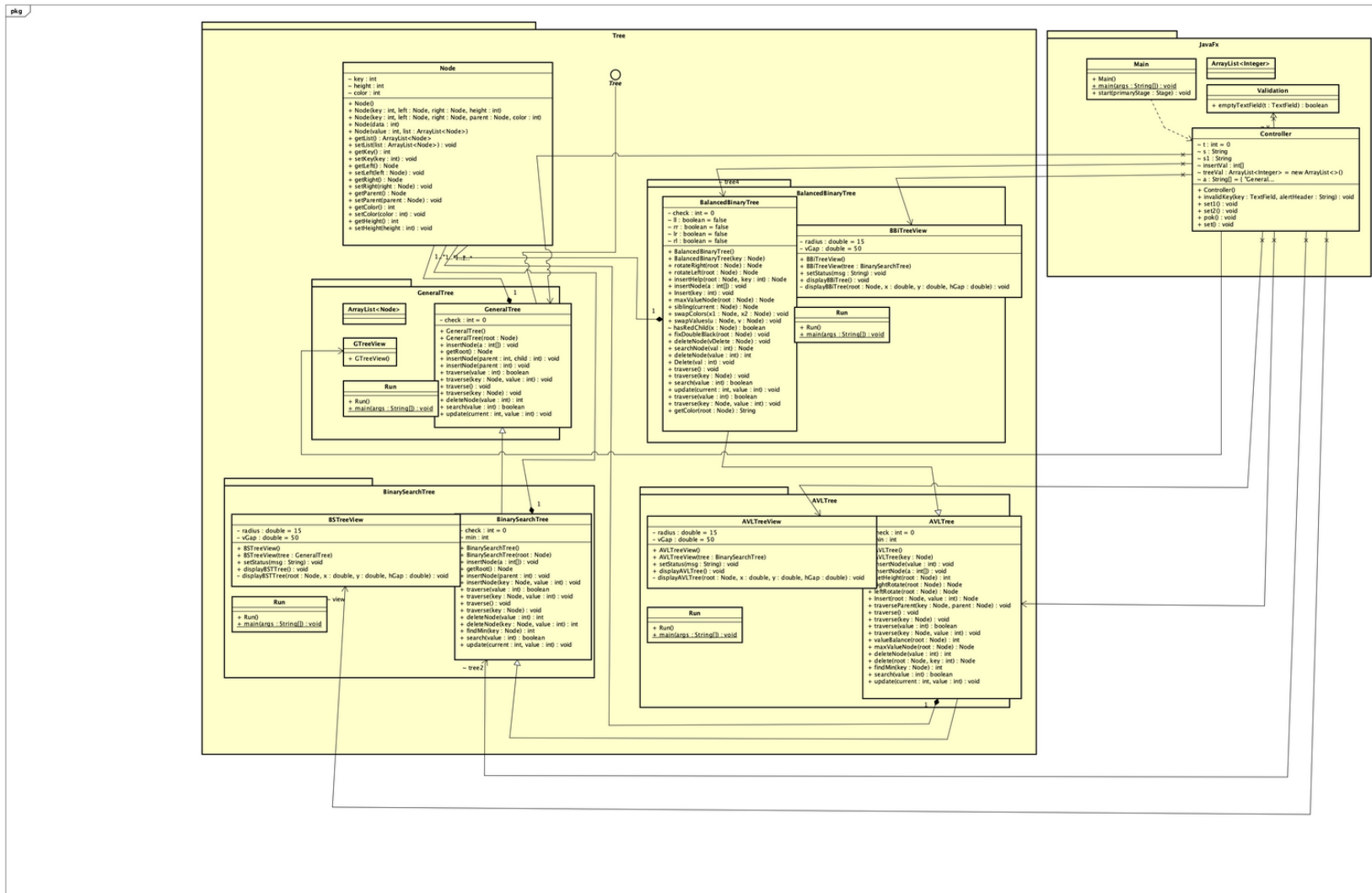**+) GUI with JavaFX**

DIAGRAM

Use case

Diagram

General class diagram

Diagram

HUST

Thank for listening!

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